

Name: _____

p1029: Box multiplication of linear binomials (v6)

Example

Use the box method to multiply $(6x + 3)$ and $(2x + 4)$.

*	$6x$	3	
$2x$	$12x^2$	$6x$	$12x^2 + 6x + 24x + 12$
4	$24x$	12	Combine like terms.
			$12x^2 + 30x + 12$

ANSWER: $12x^2 + 30x + 12$

Question 1

Use the box method to multiply $(6x + 3)$ and $(9x + 5)$.

*	$6x$	3	
$9x$			
5			

ANSWER:

Question 2

Use the box method to multiply $(4x - 9)$ and $(-6x + 2)$.

*	$4x$	-9
$-6x$		
2		

ANSWER:

Question 3

Use the box method to multiply $(8x + 3)$ and $(2x - 9)$.

*		

ANSWER: